



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2399

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Daikin Applied
13600 Industrial Park Blvd.
Minneapolis, MN 55441

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Vision / Skyline Air Handling Unit

APPROVAL DOCUMENT: Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 13 of 13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #B1, dated September 04, 2014, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number & the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Faribault or Owatonna, MN, and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #13-0206.14 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
12/11/2014

NOA No. 14-0911.01
Expiration Date: 04/17/2018
Approval Date: 12/11/2014

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 9 of 9, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #A2, dated November 16, 2011, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS (Submitted under Previous Approval #07-1003.03.)

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS 202-94, 2) Large Missile Impact Test per TAS 201-94, 3) Cyclic Wind Pressure Loading per TAS 203-94, along with marked-up drawings and installation diagram of Vision/Skyline Air Handling Unit, prepared by Architectural Testing, Test Report No. 72777.01-201-18, dated 05/25/07, signed and sealed by Joseph A. Reed, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS 202-94, 2) Large Missile Impact Test per TAS 201-94, 3) Cyclic Wind Pressure Loading per TAS 203-94, along with marked-up drawings and installation diagram of Vision/Skyline Air Handling Unit, prepared by Architectural Testing, Test Report No. 66799.01-201-18, dated 08/23/07, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Calculation prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 11/16/11, signed and sealed by W. W. Schaefer, P.E.
(Submitted under Previous Approval #11-1118.02.)
2. Calculation of Panel Fastener Suitability, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 08/29/07, signed and sealed by W. W. Schaefer, P.E. (Submitted under Previous Approval #07-1003.03.)

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS (Submitted under Previous Approval #07-1003.03.)

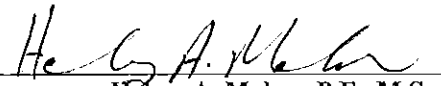
1. Tensile test report by Architectural Testing, Test Report No. 66799.01-201-18, dated 08/23/07, signed and sealed by Joseph A. Reed, P.E.
2. Tensile test report by Architectural Testing, Test Report No. 72777.01-201-18, dated 05/25/07, signed and sealed by Joseph A. Reed, P.E.

F. STATEMENTS

1. Statement letter of conformance and compliance with the FBC-2010, dated 02/13/13, signed and sealed by Warren W. Schaefer, P.E.
2. Statement of independence dated 02/13/13, signed and sealed by Warren W. Schaefer, P.E.
3. Statement letter indicating that the product has not changed since last approved, dated 01/15/13, signed by Steven E. Wold, P.E.

G. OTHER

1. Notice of Acceptance No. 11-1118.02, issued to McQuay International for their "Vision / Skyline Air Handling Unit", approved on 03/29/12 and expiring on 04/17/13.


Helmy A. Makar, P.E., M.S.

Product Control Unit Supervisor

NOA No. 14-0911.01

Expiration Date: 04/17/2018

Approval Date: 12/11/2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 13 of 13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #B1, dated September 04, 2014, signed and sealed by Warren W. Schaefer, P.E.*

B. TESTS

1. *Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS 202-94, 2) Large Missile Impact Test per TAS 201-94, 3) Cyclic Wind Pressure Loading per TAS 203-94, along with marked-up drawings and installation diagram of Vision/Skyline Air Handling Unit, prepared by Intertek /Architectural Testing, Test Report No. D6498.01-201-18, dated 08/08/14, Revision #1 dated 09/03/14, signed and sealed by Shawn G. Collins, P.E.*

C. CALCULATIONS

1. *Compliance Letter to certify calculation prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 09/04/14, signed and sealed by W. W. Schaefer, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

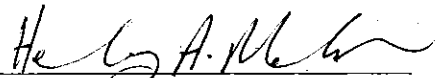
1. *None.*

F. STATEMENTS

1. *Statement letter of conformance and compliance with the FBC-2010, and FBC-2014, dated 09/04/14, signed and sealed by Warren W. Schaefer, P.E.*
2. *Statement of independence, signed and sealed by Warren W. Schaefer, P.E.*

G. OTHER

1. *Document number P38423, by The Florida Department of State, Division of Corporations for a name change, dated 10/01/13.*



Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor

NOA No. 14-0911.01

Expiration Date: 04/17/2018

Approval Date: 12/11/2014

GENERAL NOTES:

- IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS SUPERIMPOSED BY THE AIR HANDLING UNIT.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCT DESIGNED & TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) PROTOCOLS TAS-201, 202 & 203, ASTM E72 RACKING TEST & ASTM E8-03 TENSILE TEST.
- EACH AIR HANDLING UNIT ASSEMBLY SHALL BE PERMANENTLY LABELED AS FOLLOWS: DAIKIN APPLIED
MINNEAPOLIS, MN
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
- THIS AIR HANDLING UNIT HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
- THIS AIR HANDLING UNIT HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
- ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ALL FINISHES.
- ALL ANCHORS SECURING AIR HANDLING UNIT TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
- INTERIOR MOUNTED EQUIPMENT AND THEIR MOUNTING DETAILS ARE NOT PART OF THIS PRODUCT APPROVAL.

ANCHORING NOTE:

ALL ANCHOR SPECIFICATIONS SHOWN IN THIS DRAWING ARE BASED ON TESTED CONDITIONS AND ARE MEANT TO COVER MOST, IF NOT ALL FIELD CONDITIONS. IF FIELD CONDITIONS REQUIRE INSTALLATION TO BE DIFFERENT THAN WHAT IS SPECIFIED HERE-IN, THOSE CONDITIONS SHALL BE REVIEWED AND THE INSTALLATION METHOD SHALL BE DESIGNED & CERTIFIED BY A FLORIDA LICENSED DESIGN PROFESSIONAL WITH THE CERTIFIED DESIGN BEING SUBMITTED TO THE APPLICABLE BUILDING DEPARTMENT FOR JOB REVIEW & PERMIT.

BASE ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	ANCHOR TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
BASE RAIL FRAMING OPTION 1			
MIN. 3000 PSI CONCRETE	(1) 1/2" WEDGE/SLEEVE ANCHOR	3 1/2"	3"
WOOD (MIN. GR. 2 & G=0.55)	1/2" GALV. H.H. LAG SCREW	3"	2"
MIN. 12 GA. (0.102" THICK) 36 KSI STEEL	(2) 1/2" BOLT WITH NUT & WASHER	FULL	1"
CURB FRAMING OPTION 2			
MIN. 3000 PSI CONCRETE	(3) 1/4" H.H. CONCRETE SCREW	1 1/2"	1 3/4"
WOOD (MIN. GR. 2 & G=0.55)	NO. 14 S.S. SMS H.H. OR OR 3/8" GALV. H.H. LAG SCREW	2"	1"
MIN. 12 GA. (0.102" THICK) 36 KSI STEEL	1/4-20 OR 1/4-14 SELF TAP/DRILLING GR. 5 SCREW	FULL	1"
(1) WEDGE/SLEEVE ANCHORS SHALL BE ITW RAMSET/RED HEAD DYNABOLT OR TRUBOLT, POWERS RAWL POWER-BOLT, POWER-STUD OR WEDGE-BOLT OR HILTI KWIK BOLT 3 (GRADE 5 STEEL OR 304 S.S.).			
(2) BOLTS SHALL BE MIN. A307 GALVANIZED OR 304 S.S. WITH NUT & WASHER.			
(3) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).			

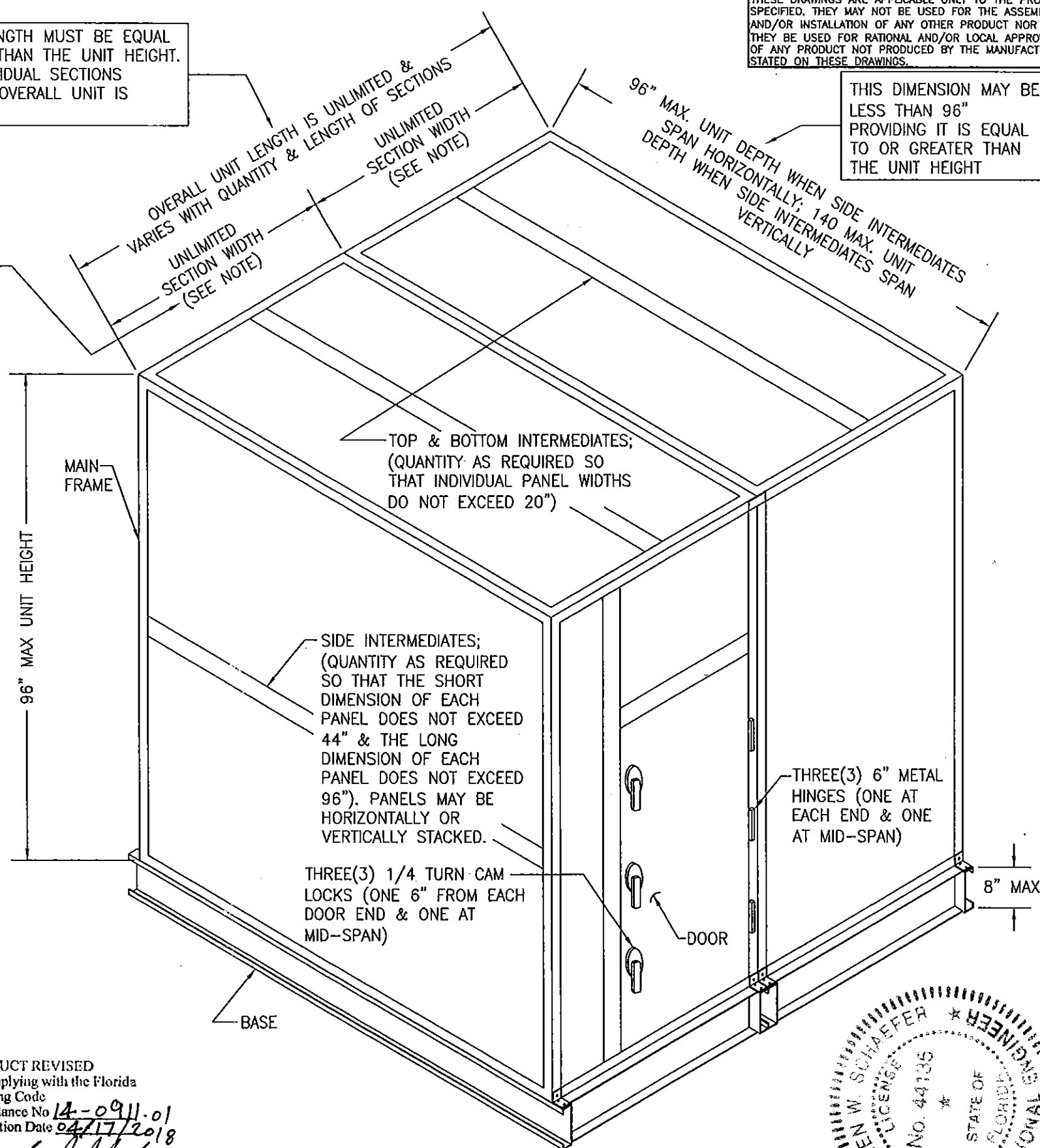
ALLOWABLE DESIGN LOAD

POSITIVE	NEGATIVE
75 PSF	75 PSF

OVERALL UNIT LENGTH MUST BE EQUAL TO OR GREATER THAN THE UNIT HEIGHT. NUMBER OF INDIVIDUAL SECTIONS MAKING UP THIS OVERALL UNIT IS UNLIMITED.

NOTE: SECTION WIDTH IS LIMITED ONLY BY DAIKIN APPLIED'S SHIPPING, HANDLING OR ASSEMBLY CONSTRAINTS

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 14-0911.01
Expiration Date 04/17/2018
By *Heather A. Miller*
Miami Dade Product Control



ISOMETRIC VIEW

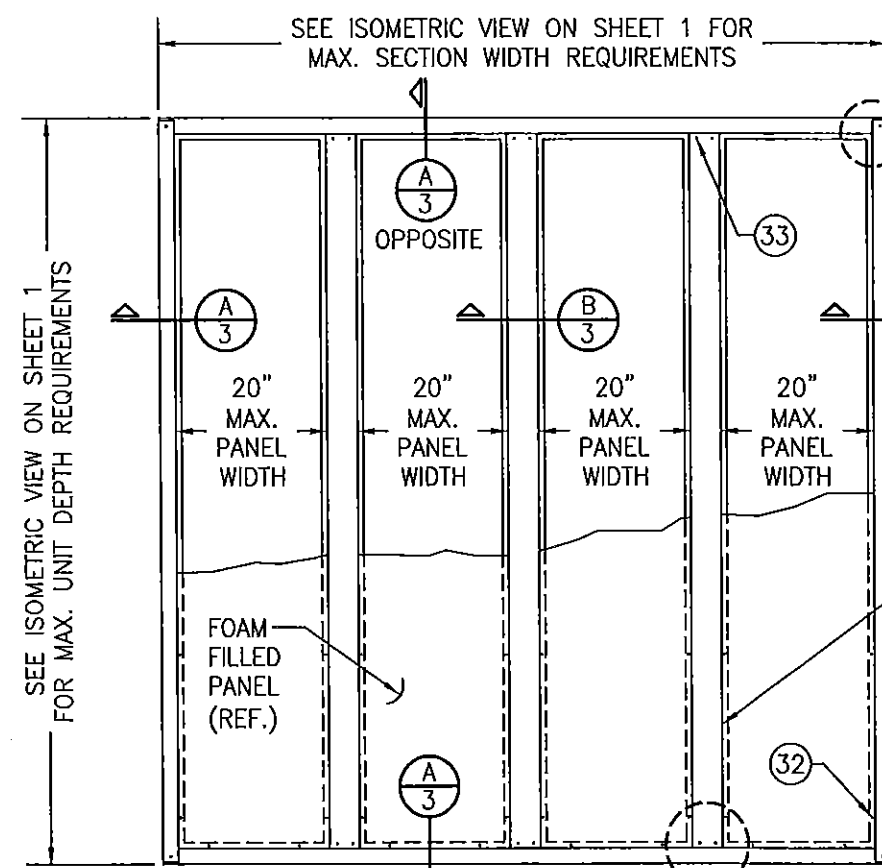
SCALE: 1/2"=1'-0"

(SEE VIEWS & DETAILS OTHER SHEETS FOR DETAIL NOT SHOWN)

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

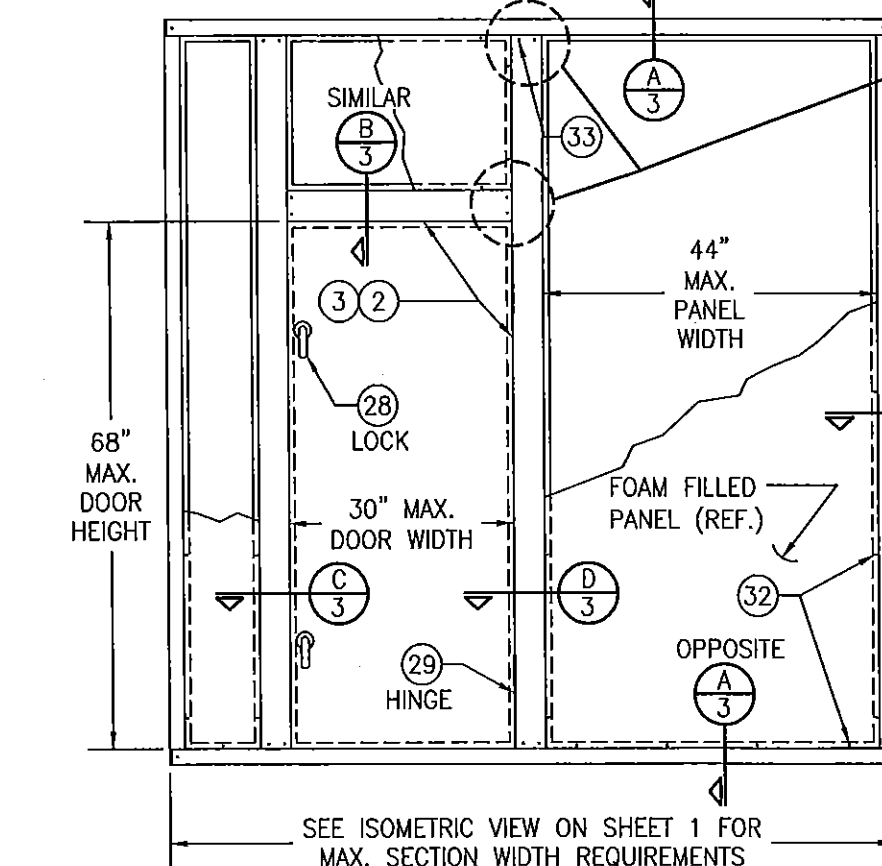
THIS DIMENSION MAY BE LESS THAN 96" PROVIDING IT IS EQUAL TO OR GREATER THAN THE UNIT HEIGHT

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 08/20/07	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE TO CURRENT STANDARDS	W.R.M.	11/16/11
A2	ADD NEMA BOX	W.R.M.	11/16/11
B1	ADD NEW BASE RAIL (OPTION 3)	W.W.S.	09/04/14
DRAWING TITLE: VISION/SKYNE AIR HANDLING UNIT			
MANUFACTURER: DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION: <i>SEP 04 2014</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1516		REV. B	
SHEET NO. 1		OF 13	



TOP VIEW: AIR HANDLING BOX SECTION

BOTTOM VIEW IS SAME



FRONT VIEW: AIR HANDLING BOX SECTION

BACK VIEW IS SIMILAR EXCEPT THAT INTERMEDIATE SHOWN LEFT OF DOOR IS POSITIONED MIDWAY BETWEEN THE MIDDLE INTERMEDIATE AND THE BOX EDGE.

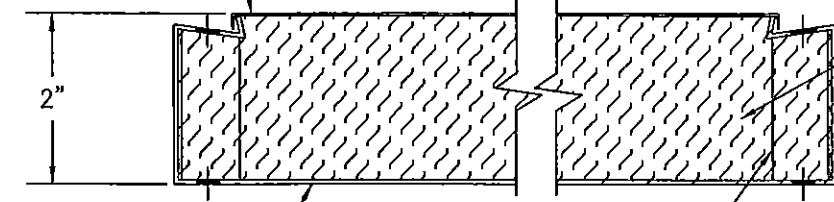
BOX FRAME CORNER CONSTRUCTION:
EACH FRAME MEMBER IS END CUT TO FORM 2 FLANGES PER END. THE VERTICAL AND 2 HORIZONTAL FRAME MEMBERS ARE THEN LAPPED TOGETHER AND SECURED WITH THREE(3) 5/16-18 X 3/4" GR. 5 F.H. THREAD TAPPING SCREWS.

QUANTITY DEPENDS ON THE UNIT LENGTH

END CONNECTION OF INTERMEDIATES TO CORNER FRAMING & OTHER INTERMEDIATE:
AFTER FRAMING ASSEMBLY, PLACE THE INTERMEDIATE END AGAINST THE CHANNEL FRAME OR INTERMEDIATE FLANGE & FLANGE GASKET & SECURE TO THE CHANNEL FRAME/INTERMEDIATE FLANGE WITH 2 NO. 14-10 X 2.5" TORX WAFER HEAD TAP FORMING SCREWS THROUGH BOTH THE INTERMEDIATE & ITS LINER AND INTO THE SUPPORTING FLANGE (REF. DETAIL ON SHEET 3)

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 14-0911.01
Expiration Date 04/17/2018
By *Heidi A. Miller*
Miami Dade Product Control

TWO COMPONENT POLYURETHANE FOAM INSULATION SYSTEM EXPANDED WITH HFC-134A & WATER. COMPONENT "A" VORACOR CE 108 FROM DOW (DAIKIN PART #0112054101) IS MIXED WITH COMPONENT "B" VORACOR CD 865 FROM DOW (DAIKIN PART #0112054201) AT A RATIO OF 100 PARTS OF "A" TO 70 PARTS OF "B". AMOUNT OF MATERIAL NEEDED IS 2.1 LBS OF FOAM PER CUBIC FOOT OF INSULATION SPACE (EQUIVALENT TO AN R VALUE OF 13).

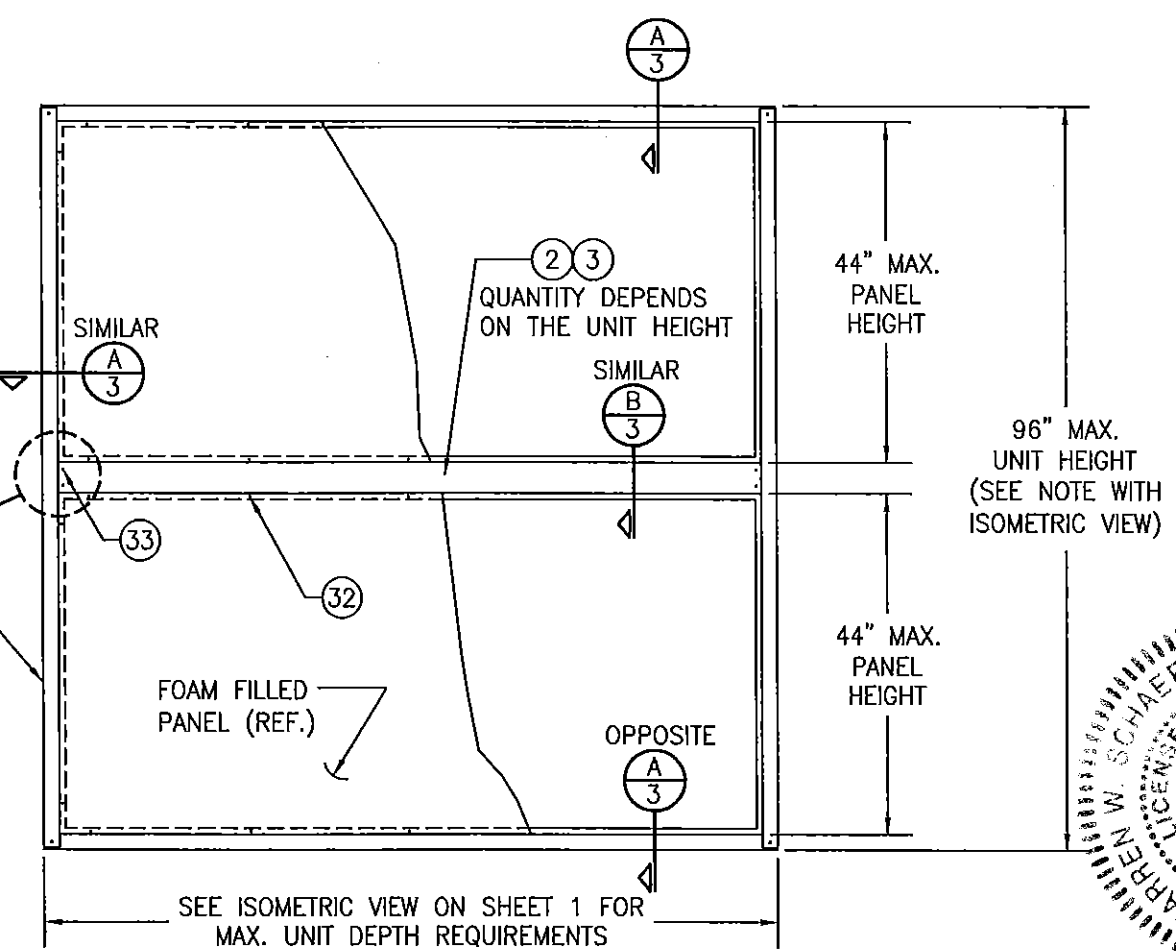


PANEL CROSS SECTION

SCALE: 1/2" FULL

FOAM DATA	
DENSITY	2.1 LB/CFT
FLAME SPREAD INDEX	0
SMOKE DENSITY INDEX	5
NOTE: FLAME SPREAD & SMOKE DENSITY TESTING WAS COMPLETED USING ASSEMBLED PANEL SECTIONS.	

PLACE SPACER PART NUMBER 11 AT EACH PREDRILLED HOLE TO RESIST ANCHOR COMPRESSION OF PANEL

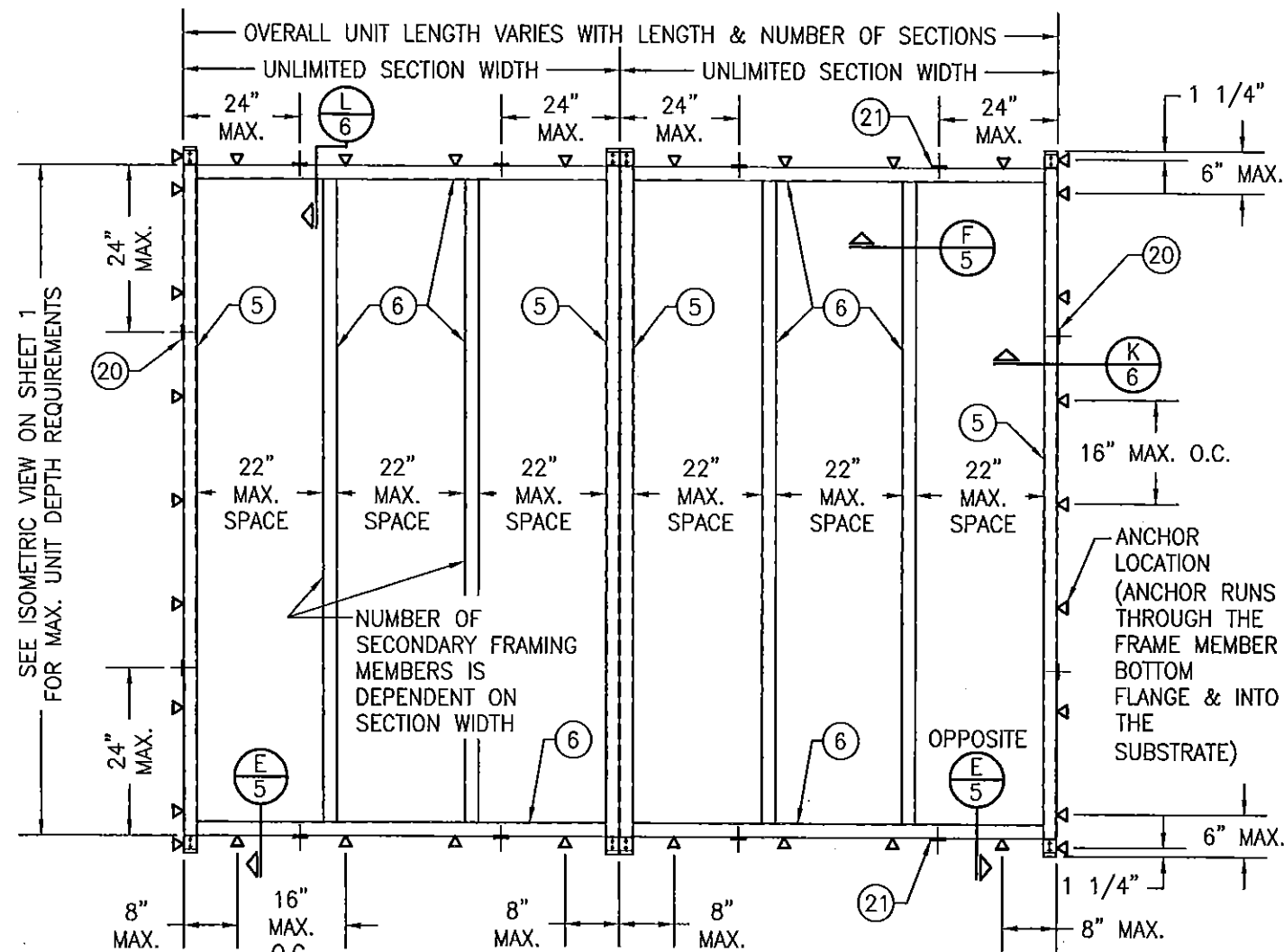


SIDE VIEW: AIR HANDLING BOX SECTION

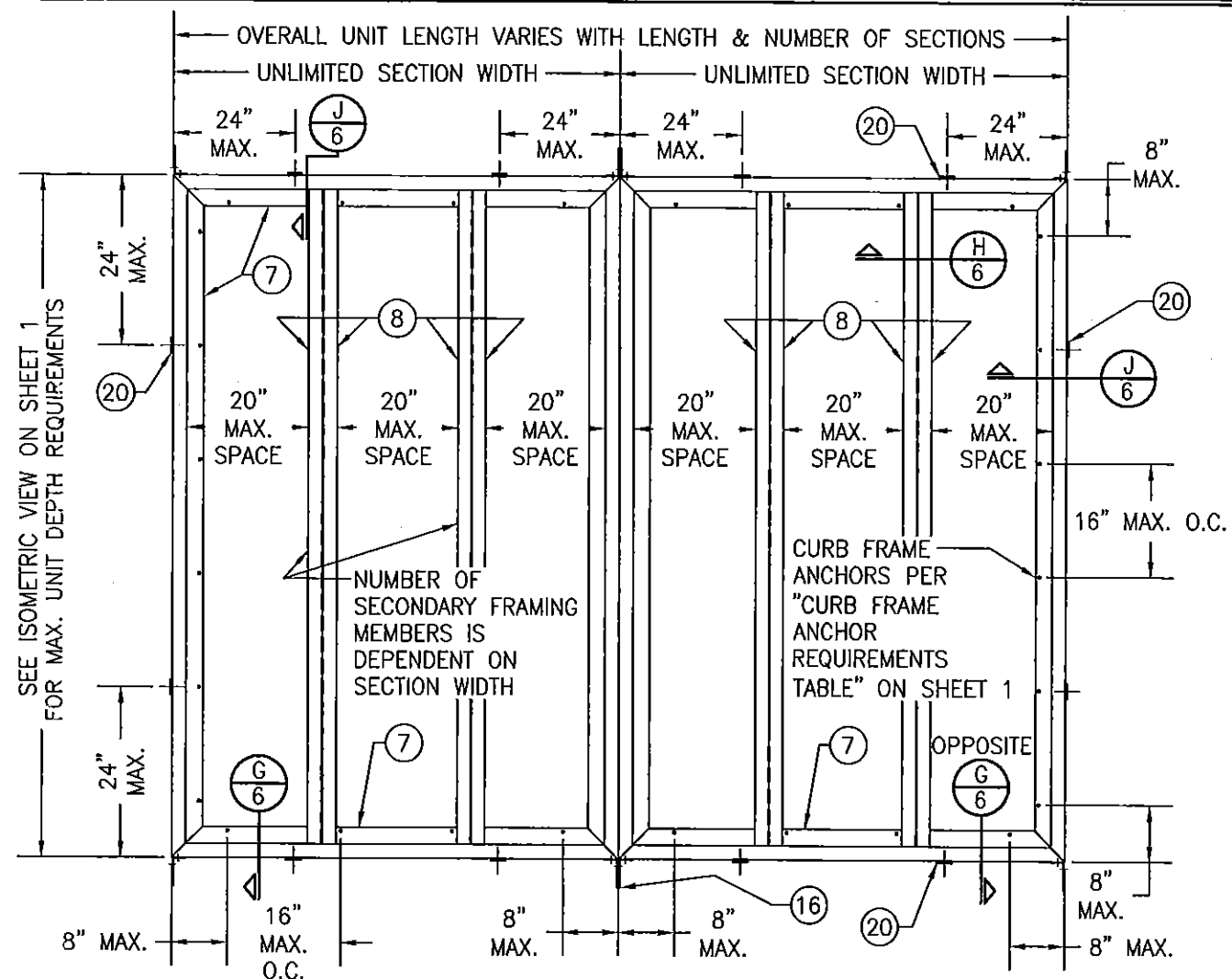
SCALE: 1/2"=1'-0"

VERTICALLY STACKED PANELS SHOWN, HORIZONTALLY STACKED PANELS ALSO APPLY.

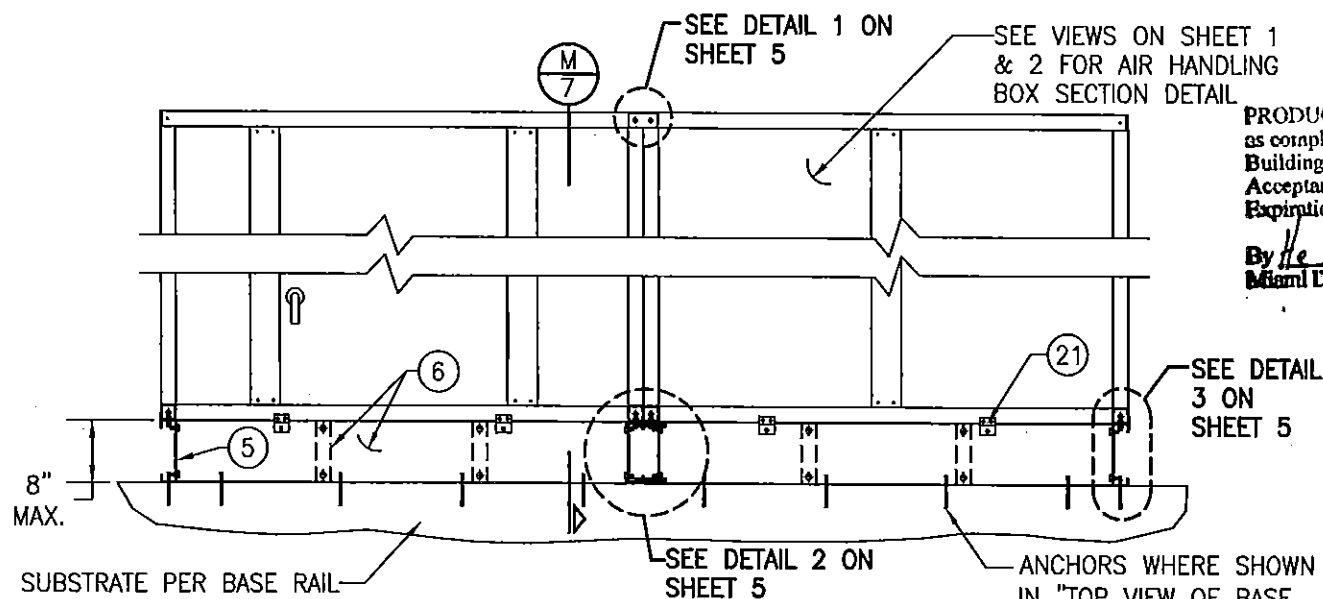
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 08/20/07	
NO.	REVISION	DESCRIPTION	BY
DRAWING TITLE: VISION/SKYNE AIR HANDLING UNIT			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: DAIKIN APPLIED	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
DRAWING NO. 1516		REV. B	
SHEET NO. 2 OF 13			



TOP VIEW: BASE RAIL FRAMING
(BASE OPTION 1)
AIR HANDLING BOX NOT SHOWN FOR CALRTY.

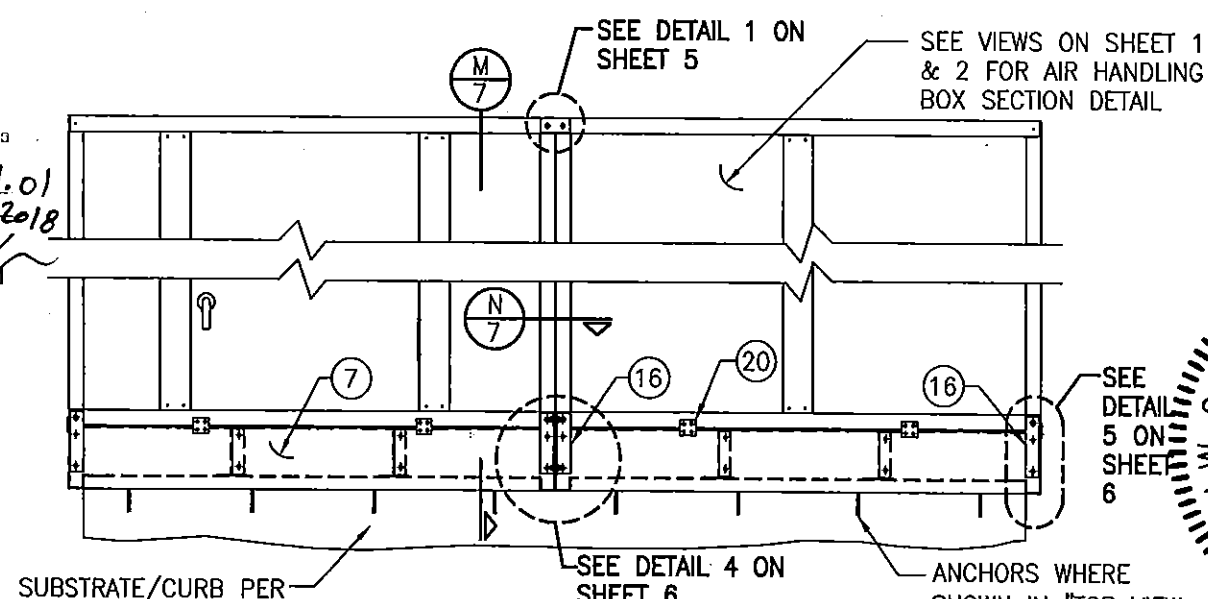


TOP VIEW: BASE RAIL FRAMING
(BASE OPTION 2)
AIR HANDLING BOX NOT SHOWN FOR CALRTY.



FRONT VIEW: BASE RAIL FRAMING & UNIT INSTALLATION
(BASE OPTION 1)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0911.01
Expiration Date 04/17/2018
By *[Signature]*
Miami Dade Product Control



SUBSTRATE/CURB PER
CURB FRAME ANCHOR
REQUIREMENTS TABLE ON
SHEET 1

FRONT VIEW: BASE RAIL FRAMING & UNIT INSTALLATION
(BASE OPTION 2)

ANCHORS WHERE
SHOWN IN "TOP VIEW
OF CURB FRAMING"
PER "CURB FRAMING
ANCHOR REQUIREMENTS
TABLE" ON SHEET 1

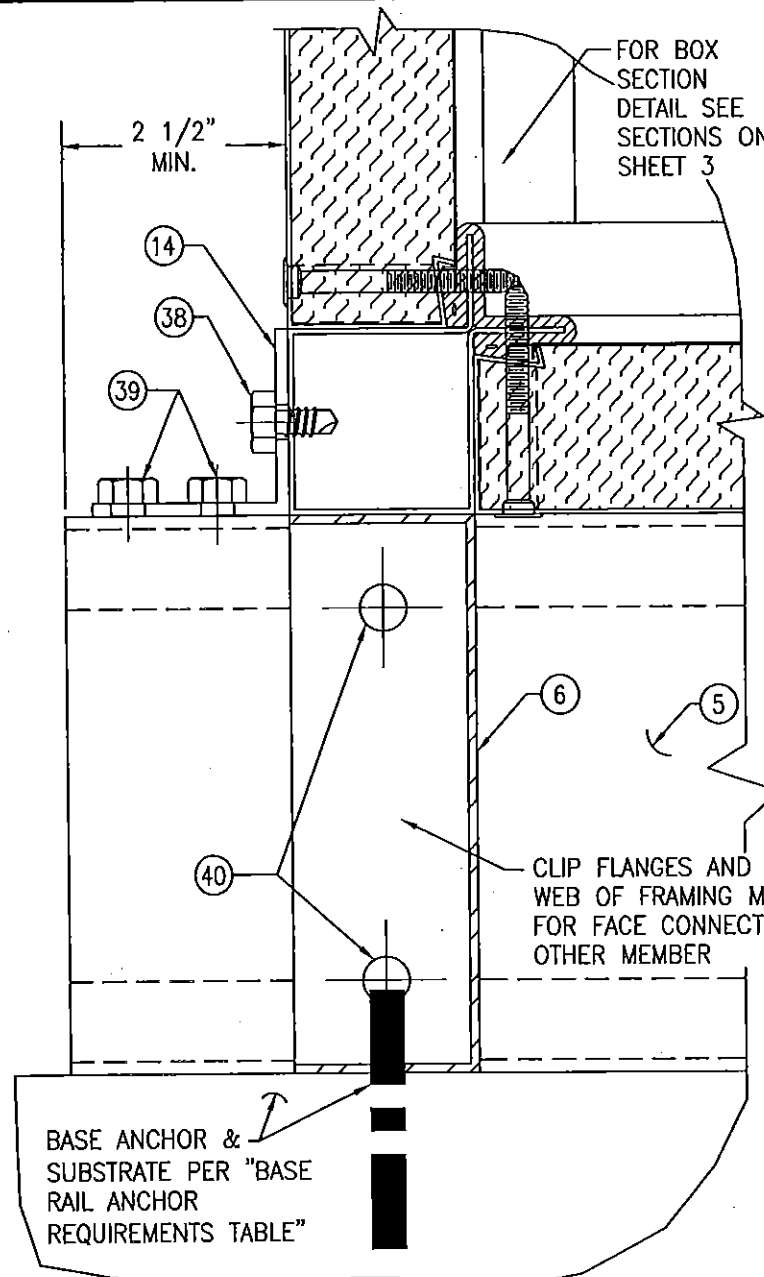
DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
PLOT:	1=24"	DATE:	08/20/07
NO.	REVISION	DESCRIPTION	DATE

VISION/SKYNE AIR HANDLING UNIT
MANUFACTURER
DAIKIN APPLIED
13600 INDUSTRIAL PARK BLVD.
MINNEAPOLIS, MN 55441
800-432-1342

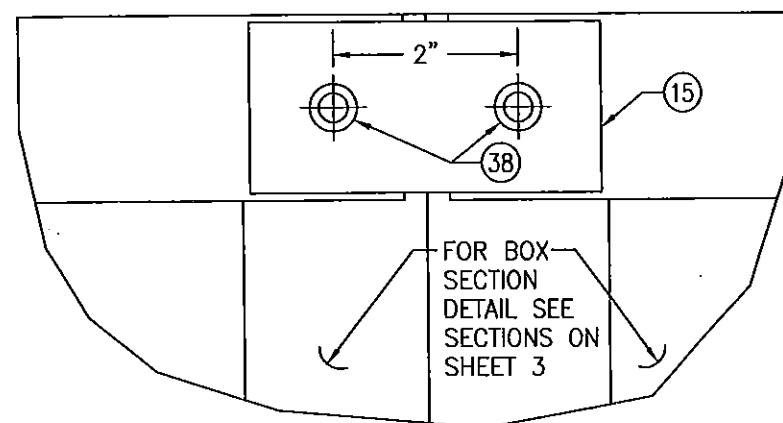
CONSULTANTS
W. SCHAEFER ENGINEERING
CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE 561-744-3424

DRAWING TITLE
VISION/SKYNE AIR HANDLING UNIT
DRAWING NO. 1516
REV. B
SHEET NO. 4 OF 13

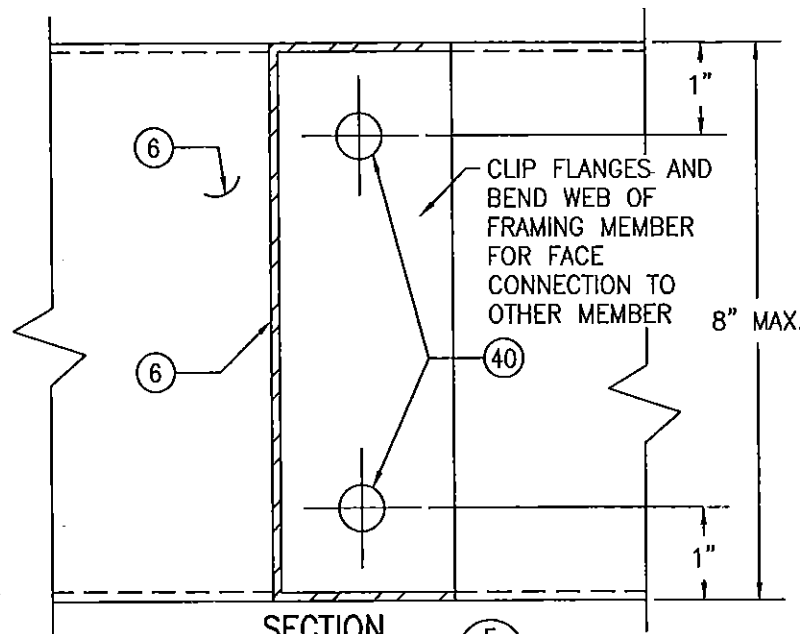
PROFESSIONAL ENGINEER
STATE OF FLORIDA
W. SCHAEFER, P.E.
NO. 44135
EXPIRATION DATE 09/01/2014



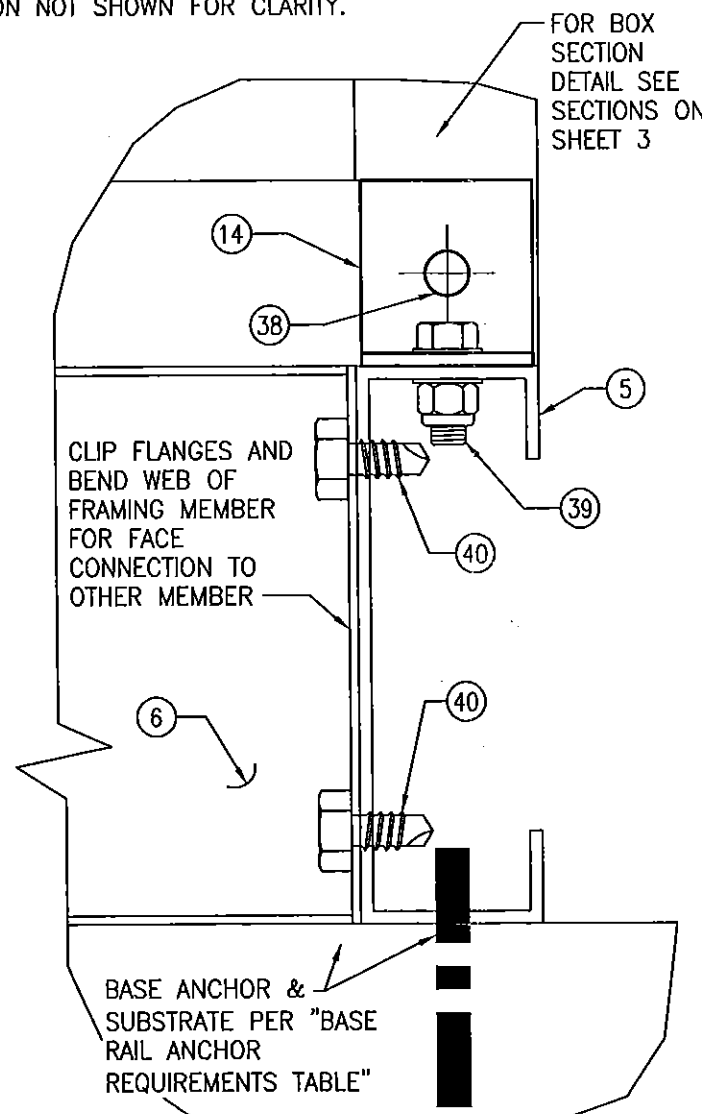
SECTION E
SCALE: 1/2 FULL



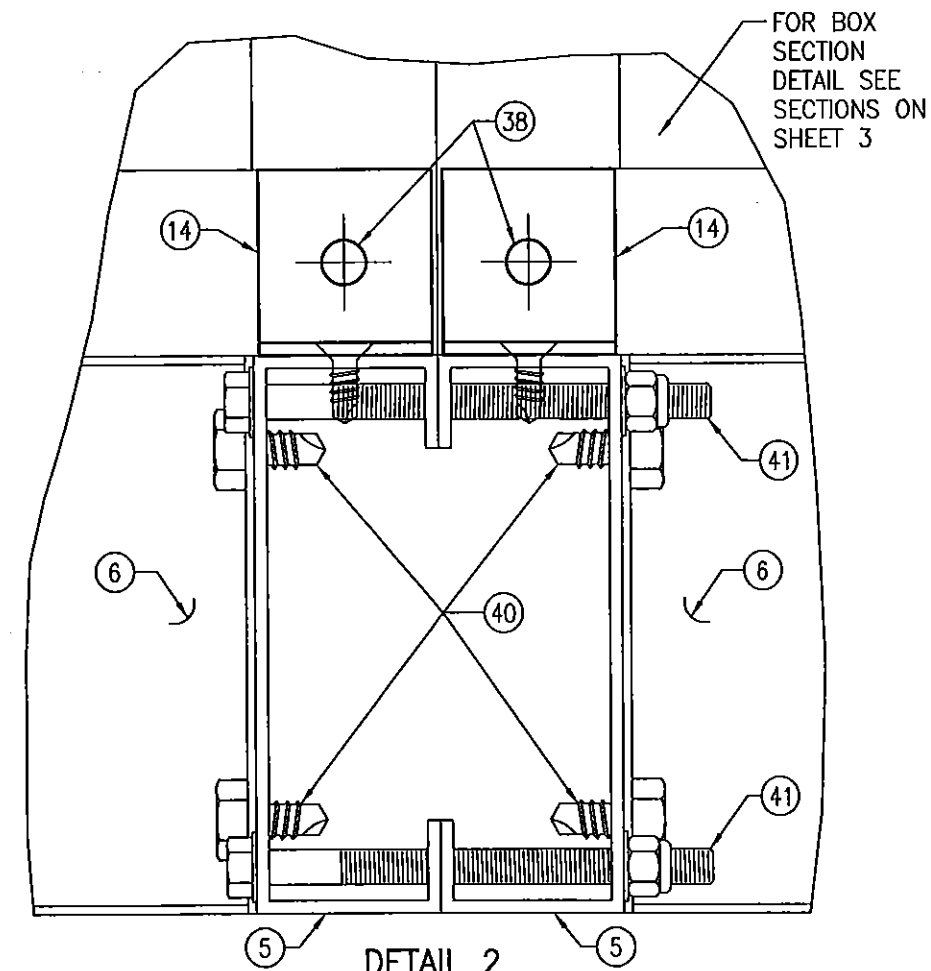
DETAIL 1
SCALE: 1/2 FULL



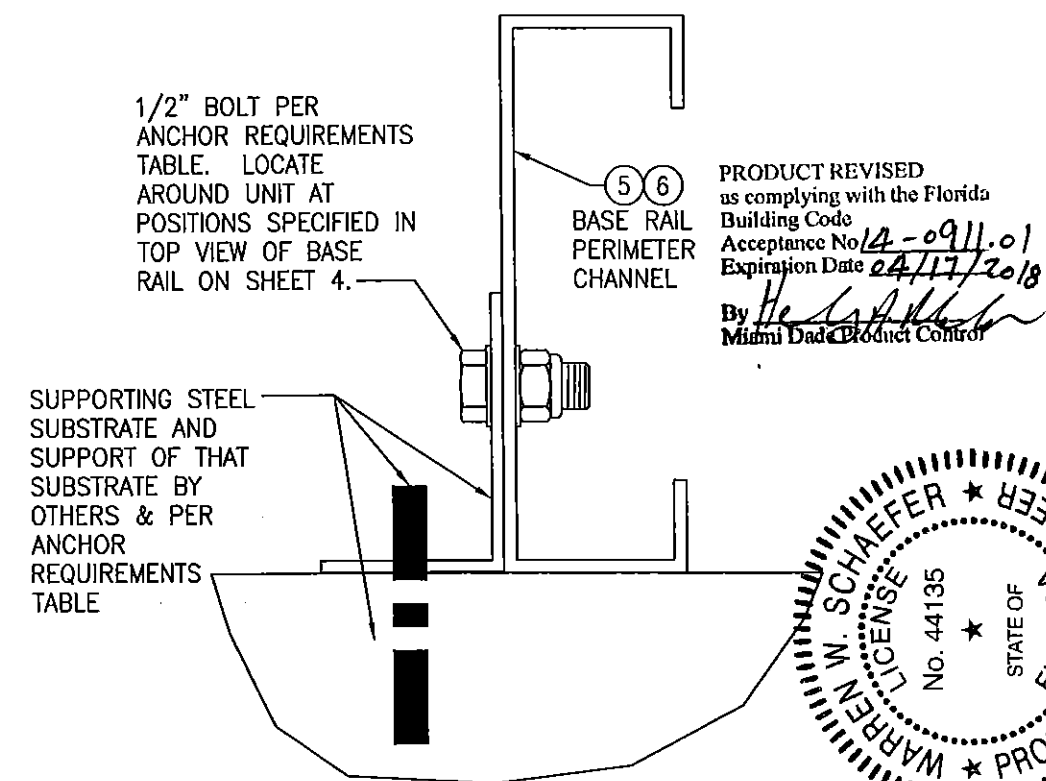
SECTION F
SCALE: 1/2 FULL
BOX SECTION NOT SHOWN FOR CLARITY.



DETAIL 3
SCALE: 1/2 FULL

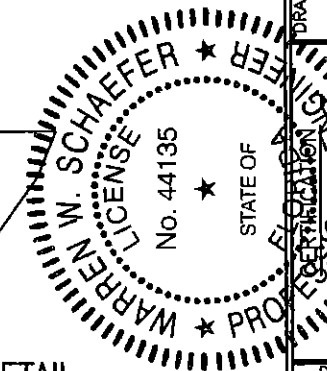


DETAIL 2
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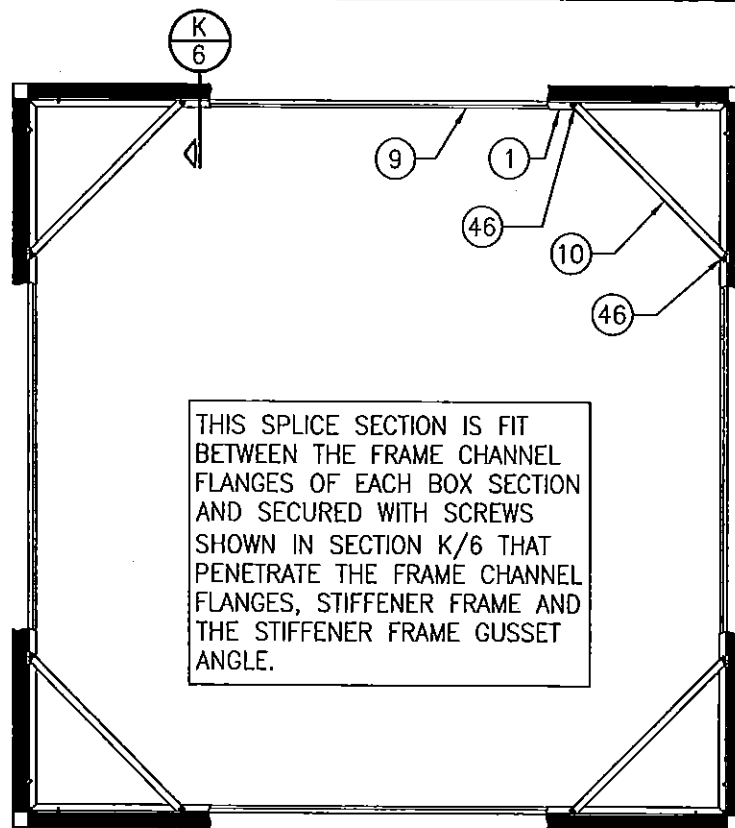


OPTIONAL BASE RAIL INSTALLATION DETAIL
FOR DETAIL NOT SHOWN, SEE
OTHER SECTIONS & DETAILS

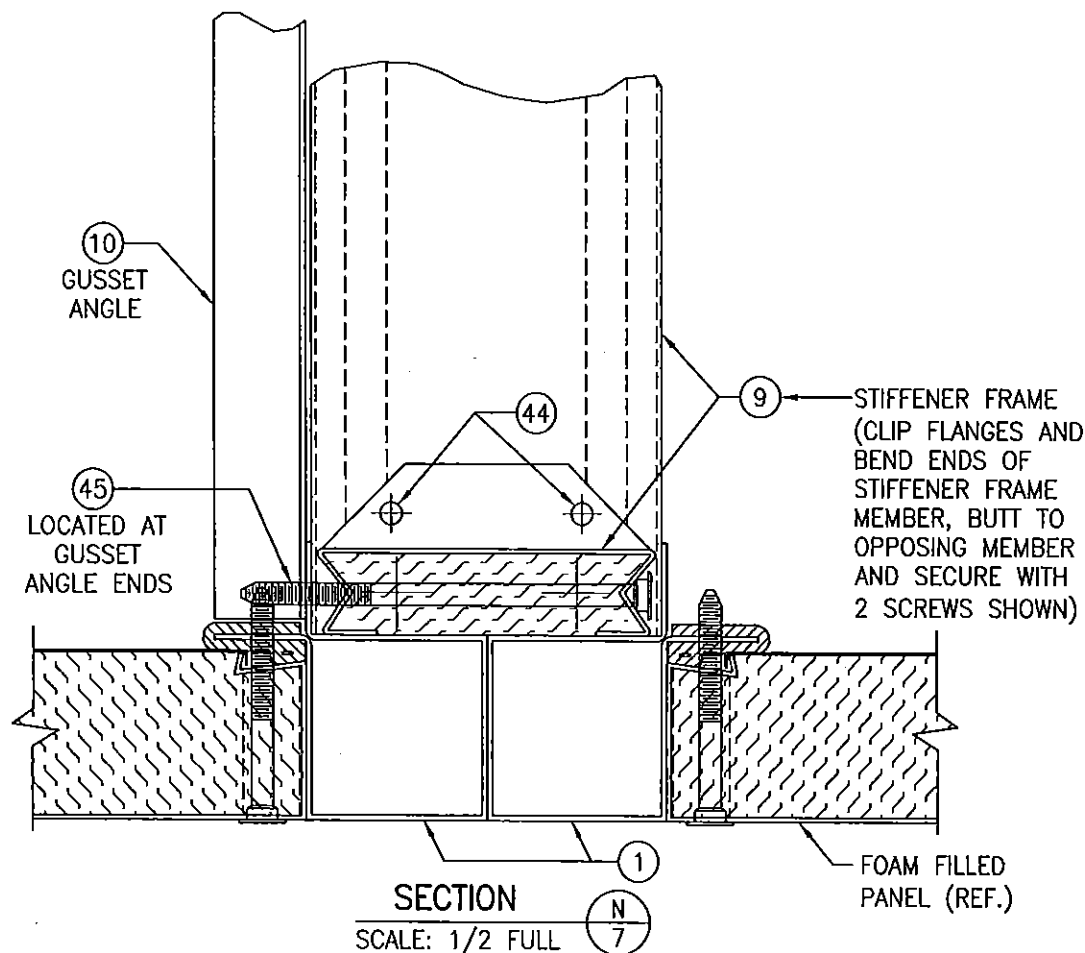
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 08/20/07	
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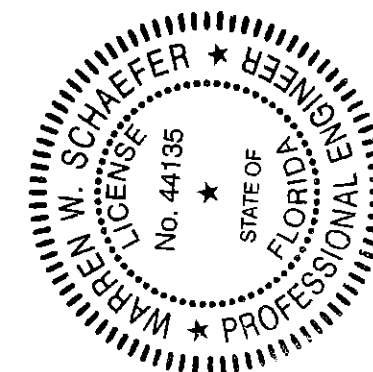
DRAWING TITLE: VISION/SKYNE AIR HANDLING UNIT	
CONSULTANTS:	DAIKIN APPLIED
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418	PHONE: 561-744-3424
WARREN W. SCHAEFER, P.E.	P.E. NO. 44135
DRAWING NO. 1516	REV. B
SHEET NO. 5	OF 13




SECTION M
SCALE: 1/2 FULL
BASE NOT SHOWN FOR CLARITY

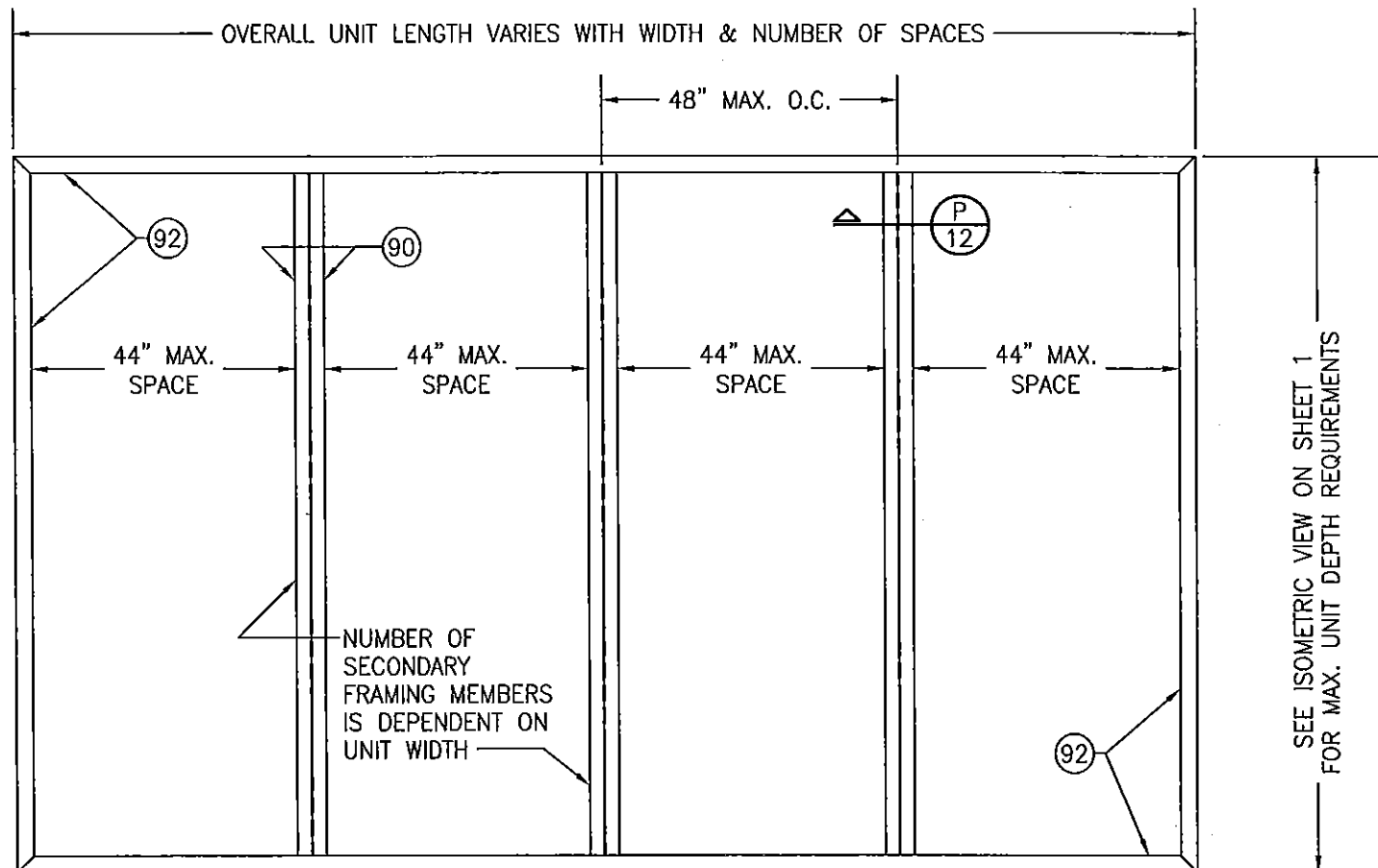


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0911.01
Expiration Date 04/17/2018
By *Heidi A. Maher*
Miami Dade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 08/20/07	
NO.	REVISION	DESCRIPTION	DATE
<p>DRAWING TITLE: VISION/SKYLINE AIR HANDLING UNIT</p> <p>MANUFACTURER: DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342</p> <p>CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p> <p>CERTIFICATION: SEP 04 2014 WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p> <p>DRAWING NO. 1516 REV. B SHEET NO. 7 OF 13</p>			

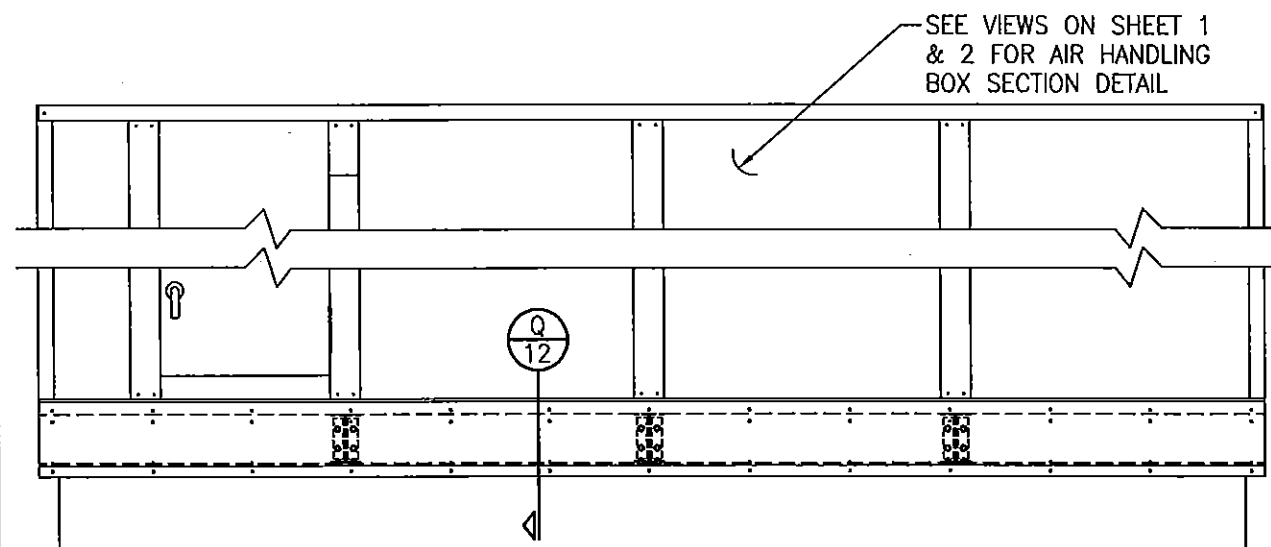
DRAWING NO. 1516	REV. B	SHEET NO. 10 OF 13	CERTIFICATION  SEP 04 2014 WARREN A. SCHAEFER, P.E. P.E. NO. 44135	DRAWING TITLE VISION/SKYLINE AIR HANDLING UNIT	CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	NO. REVISION DESCRIPTION BY DATE	PLOT: 1=24	DRAWN BY: W.R.M.	CHECKED BY: W.W.S.	DATE: 11/16/11



TOP VIEW: BASE RAIL FRAMING

(BASE OPTION 3)
AIR HANDLING BOX NOT SHOWN FOR CLARITY.

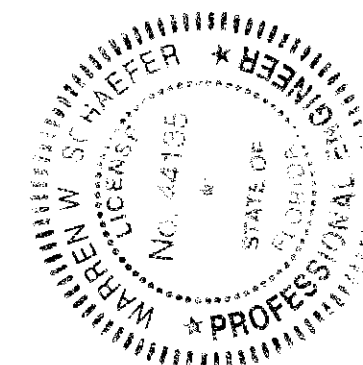
NOTE: LIFTING BRACKETS BY DAIKIN APPLIED ARE NOT SHOWN BUT SHALL BE AS REQUIRED FOR LIFTING & HANDLING OF UNIT



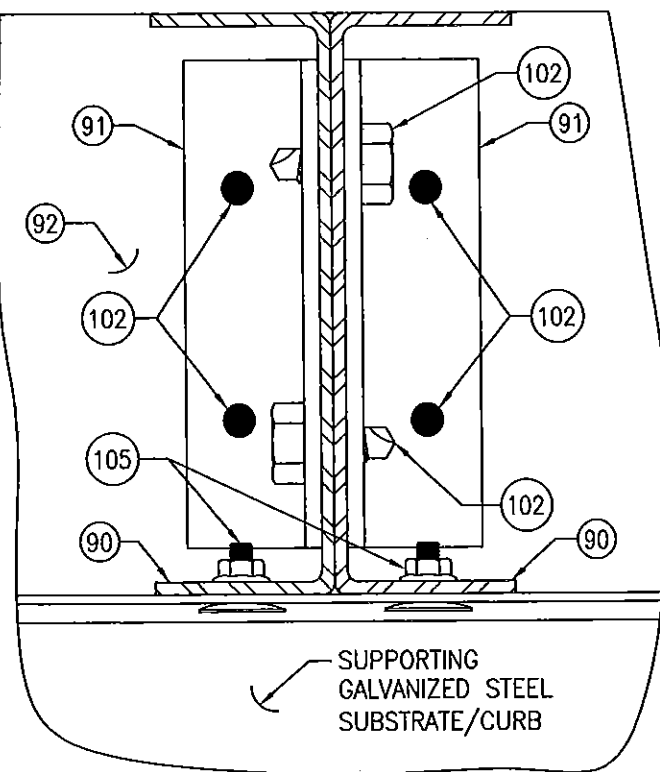
**FRONT VIEW: BASE RAIL FRAMING
& UNIT INSTALLATION**
(BASE OPTION 3)

SUPPORTING SUBSTRATE/CURB BY OTHERS.
INSTALLATION OF AIR HANDLING UNIT WITH BASE RAIL FRAMING OPTION TO THE SUPPORTING SUBSTRATE SHALL BE AS DESIGNED FOR EACH INDIVIDUAL JOB AND SHALL BE AS CERTIFIED BY A FLORIDA REGISTERED ENGINEER. SAID CERTIFICATION SHALL BE ISSUED TO THE APPLICABLE BUILDING OFFICIAL/PLANS EXAMINER FOR EACH JOB PERMIT.

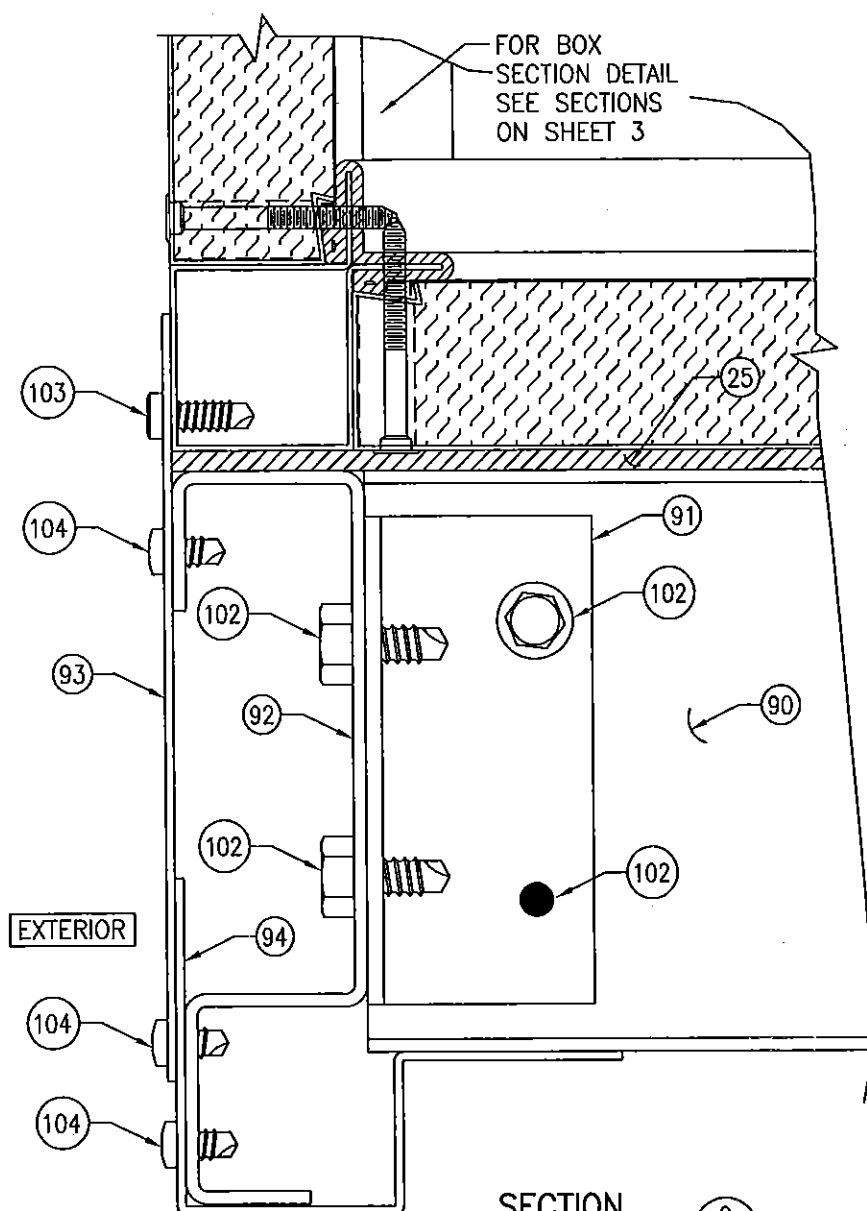
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PLOT: 1-24		DATE: 08/20/07	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE VISION/SKYLINE AIR HANDLING UNIT		MANUFACTURER DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		CERTIFICATION SEP 04 2014 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1516		REV. B	
SHEET NO. 11 OF 13			

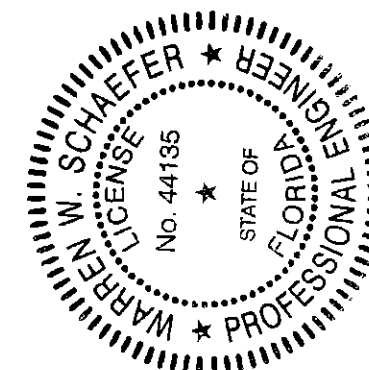


SECTION P
SCALE: 1/2 FULL
BOX SECTION NOT SHOWN FOR CLARITY



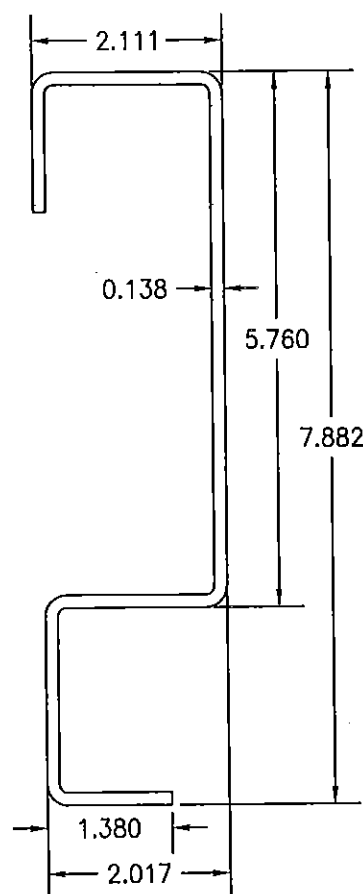
SECTION Q
SCALE: 1/2 FULL
BOX SECTION NOT SHOWN FOR CLARITY

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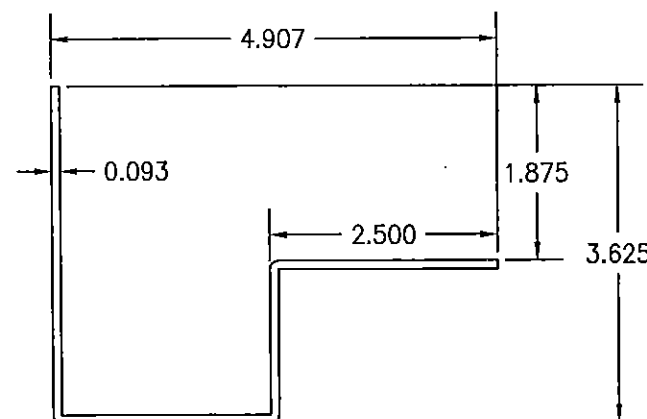


DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 08/20/07	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: VISION/SKYNE AIR HANDLING UNIT		MANUFACTURER: DAIKIN APPLIED	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION	SEP 04 2014	WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1516		REV. B	
SHEET NO. 12 OF 13			

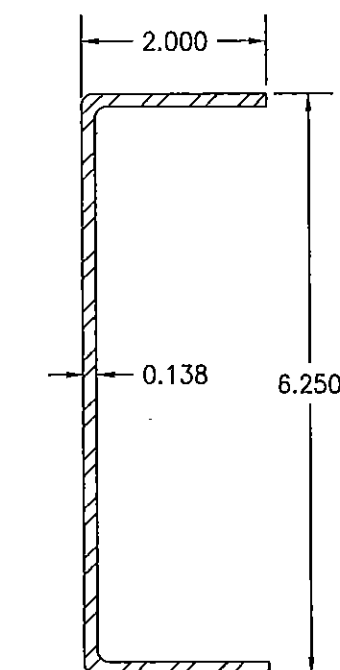
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
BASE OPTION 3 PARTS			
90	206189801	CROSS MEMBER	50 KSI GALVANIZED STEEL
91	910143848	STRUCTURAL ANGLE	50 KSI GALVANIZED STEEL
92	206189101	INNER BASE RAIL	50 KSI GALVANIZED STEEL
93	206192601	COVER PLATE 0.093 THICK X 8.250 TALL	50 KSI GALVANIZED STEEL
94	206189201	LOWER BASE RAIL	50 KSI GALVANIZED STEEL
BASE OPTION 3 MISC. FASTENERS			
102	046093820	3/8-16 X 1" THREAD ROLLING H.H. SCREW	2 PER EACH STRUCTURAL ANGLE LEG
103	112031901	1/4-14 X 1" SELF TAPPING GR. 5 SCREW	WITHIN 1 3/4" OF ENDS & MAX. 13 3/4" O.C.
104	258975301	1/4-20 X 3/4" P.H. TORX SCREW	WITHIN 1 3/4" OF ENDS & MAX. 13 3/4" O.C.



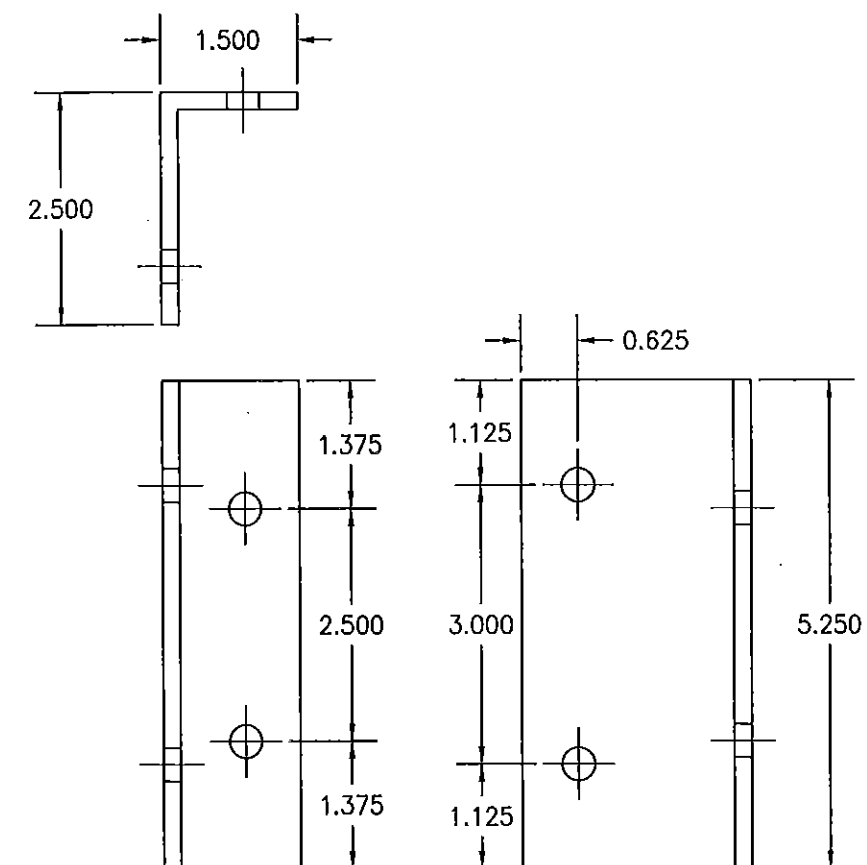
92 INNER BASE RAIL



94 LOWER BASE RAIL

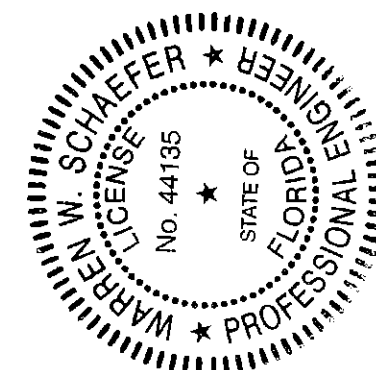


90 CROSS MEMBER



91 STRUCTURAL ANGLE

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CERTIFICATION		<p>SEP 04 2014</p> <p>WARREN W. SCHAEFER, P.E.</p> <p>P.E. NO. 44135</p>	
DRAWING NO. 1516		REV. B	
SHEET NO. 13		OF 13	